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 May 2008 [Queue](#)
Publisher: ACM

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Bibliometrics: Downloads (6 Weeks): 232, Downloads (12 Months): 649, Dow

2 [Rule responder: RuleML-based agents for distributed collaboration o](#)

Adrian Paschke, Harold Boley, Alexander Kozlenkov, Benjamin Craig

 October 2007 **ICPW '07: Proceedings of the 2nd international conference c**
Publisher: ACM

 Full text available: [Pdf \(681.78 KB\)](#) [Additional Information: full citation, at](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 136, Downlo

The Rule Responder project (responder.ruleml.org) extends the Semant collaborative human-computer networks. These allow semi-automated & pragmatic) contexts, ...

Keywords: complex event processing, coordination, multi agent system representation languages, rule interchange format

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3 [Chimera: hypermedia for heterogeneous software development envi](#)

Kenneth M. Anderson, Richard N. Taylor, E. James Whitehead, Jr.

 July 2000 **Transactions on Information Systems (TOIS)**, Volume 18

 Publisher: ACM [Request Permissions](#)

 Full text available: [Pdf \(864.32 KB\)](#) [Additional Information: full citation, at](#)
Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 53, Downloa

Emerging software development environments are characterized by het stores, user interfaces, and tools. This paper presents an approach for p heterogeneous setting. Central ...

Keywords: heterogeneous hypermedia, hypermedia system architectur software development environments

4 [Service oriented architectures: approaches, technologies and resear](#)

Mike P. Papazoglou, Willem-Jan Heuvel





 July 2007 **The VLDB Journal — The International Journal on Very**
Publisher: Springer-Verlag New York, Inc.

 Full text available: [Pdf \(818.68 KB\)](#) [Additional Information: full citation, at](#)
Bibliometrics: Downloads (6 Weeks): 255, Downloads (12 Months): 2677, Dov




Service-oriented architectures (SOA) is an emerging approach that adds standards-based, and protocol-independent distributed computing. Types comprise a number of invocations ...

Keywords: Application and service integration, Asynchronous and event-oriented architecture, Web services

5 [Computing curricula 2001](#)

 [CORPORATE The Joint Task Force on Computing Curricula](#)
September 2001 **Journal on Educational Resources in Computing (JER)**
Publisher: ACM  [Request Permissions](#)
Full text available:  [HTML](#) (2.78 KB),  [PDF](#) (613.63 KB) Additional Information: [full citation](#)
Bibliometrics: Downloads (6 Weeks): 94, Downloads (12 Months): 1187, Downloads




6 [Experiences with recombining computing: Exploring ad hoc interoperation](#)

 [W. Keith Edwards, Mark W. Newman, Jana Z. Sedivy, Trevor F. Smith](#)
April 2009 **Transactions on Computer-Human Interaction (TOCHI)**
Publisher: ACM  [Request Permissions](#)
Full text available:  [PDF](#) (3.34 MB) Additional Information: [full citation](#), [at](#)
Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 153, Downloads

This article describes an infrastructure that supports the creation of interprior agreements about the specific forms of communication between the set of "meta-interfaces"—agreements ...

Keywords: Mobile code, Object, Speakeasy, discovery, infrastructure, inter-computing, user interfaces


7 [Asynchronous information space analysis architecture using content](#)

 [Ke-Thia Yao, In-Young Ko, Ragy Eleish, Robert Neches](#)
June 2000 **DL '00: Proceedings of the fifth ACM conference on Digital libraries**
Publisher: ACM  [Request Permissions](#)
Full text available:  [PDF](#) (470.15 KB) Additional Information: [full citation](#), [at](#)
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Our project focuses on rapid formation and utilization of custom collection-paced tasks. Assembling such collections, as well as organizing and analyzing and sophisticated ...

Keywords: asynchronous service access, component architecture, content information analysis, information management, metadata


8 [Simulation in the international IMS MISSION project: the IMS MISSION simulation](#)

[Charles McLean, Frank Riddick](#)
December 2000 **WSC '00: Proceedings of the 32nd conference on Winter simulation**
Publisher: Society for Computer Simulation International
Full text available:  [PDF](#) (269.47 KB) Additional Information: [full citation](#), [at](#)
Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 31, Downloads

This paper presents an overview of a neutral reference architecture for inter-

systems with each other, with other manufacturing software application manufacturing ...

9 [What does aspect-oriented programming mean to Cobol?](#)

 [Ralf Lämmel](#), [Kris De Schutter](#)

March 2005 **AOSD '05**: Proceedings of the 4th international conference o

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (172.28 KB) Additional Information: [full citation](#), [at](#)

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We study AOP in the context of business programming with Cobol. We f
in Cobol programs? What is advice? Does classic Cobol provide any cons
crosscutting ...

Keywords: Cobol, aspect-oriented programming, business programmir

10 [A REST protocol and composite format for interactive web documen](#)

 John M. Boyer, Charles F. Wiecha, Rahul P. Akolkar

September 2009 **DocEng '09**: Proceedings of the 9th ACM symposium on D

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Documents allow end-users to encapsulate information related to a colla
be saved, emailed, digitally signed, and used as the basis of interaction
documents are ...

Keywords: collaboration, document-centric, html, odf, rich internet ap

11 [Engineering ab initio dynamic interoperability and composability via :](#)

[Levent Yilmaz](#), [Andreas Tolk](#)

December 2006 **WSC '06**: Proceedings of the 38th conference on Winter sir


Publisher: Winter Simulation Conference

Full text available:  Pdf (246.10 KB) Additional Information: [full citation](#), [at](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 22, Downloa

Complex software intensive simulation systems must respond to changi
Hence, dynamic extensibility and adaptability is a significant concern in
interoperability and ...

12 [Web services enterprise security architecture: a case study](#)

 [Carlos Gutiérrez](#), [Eduardo Fernández-Medina](#), [Mario Plattini](#)

November 2005 **SWS '05**: Proceedings of the 2005 workshop on Secure we

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (341.82 KB) Additional Information: [full citation](#), [at](#)

Bibliometrics: Downloads (6 Weeks): 46, Downloads (12 Months): 343, Downl

Web Services (WS hereafter) Security is a crucial aspect for technologie
adopted by the industry. As a consequence, a lot of initiativesof initiativ
their main purpose ...

Keywords: security, software architecture, software development proc



[Type-safe multithreading in cyclone](#)

[Dan Grossman](#)

January 2003 **TLDI '03: Proceedings of the 2003 ACM SIGPLAN international implementation**

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (228.33 KB)

Additional Information: [full citation](#), [at](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 42, Downlo

We extend Cyclone, a type-safe polymorphic language at the C level of can violate type safety in Cyclone. An extended type system statically g shared data ...

Keywords: cyclone, data races, types

Also published in:

March 2003 **SIGPLAN Notices** Volume 38 Issue 3

14 [The Conquest file system: Better performance through a disk/persist](#)



[An-I Andy Wang](#), [Geoff Kuenning](#), [Peter Reiher](#), [Gerald Popek](#)

August 2006 **Transactions on Storage (TOS)** , Volume 2 Issue 3

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (1.34 MB)

Additional Information: [full citation](#), [at](#)

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 194, Downl

Modern file systems assume the use of disk, a system-wide performanc caching and RAM file systems either impose high overhead to access m achieve data persistence ...

Keywords: Persistent RAM, file systems, performance measurement, s

15 [Deploying and managing Web services: issues, solutions, and direct](#)

[Qi Yu](#), [Xumin Liu](#), [Athman Bouguettaya](#), [Brahim Medjahed](#)

May 2008 **The VLDB Journal — The International Journal on Very**

Publisher: Springer-Verlag New York, Inc.

Full text available: [Pdf](#) (903.96 KB)

Additional Information: [full citation](#), [at](#)

Bibliometrics: Downloads (6 Weeks): 192, Downloads (12 Months): 1991, Dov

Web services are expected to be the key technology in enabling the nex Web. In this paradigm shift, Web services would be treated as first-clas

Keywords: Interoperability, Service-oriented computing, Web service r

16 [A framework for service-oriented computing with C and C++ Web se](#)



[Robert A. Van Engelen](#)

May 2008 **Transactions on Internet Technology (TOIT)** , Volume 8 Iss

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (1.08 MB)

Additional Information: [full citation](#), [at](#)

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 311, Downl

Service-oriented architectures use loosely coupled software services to : and software users. Several software engineering challenges have to be applications and specialized system ...

Keywords: Service-oriented computing, Web services standards

17 [A mobile computing middleware for location- and context-aware inte](#)

 [Paolo Bellavista, Antonio Corradi, Rebecca Montanari, Cesare Stefanelli](#)
November 2006 **Transactions on Internet Technology (TOIT)** , Volume 6

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Full text available:  [Pdf](#) (316.77 KB) Additional Information: [full citation](#), [at](#)

Bibliometrics: Downloads (6 Weeks): 39, Downloads (12 Months): 355, Downl

The widespread diffusion of mobile computing calls for novel services ca
current physical position of users (location) and the logical set of access
and ...

Keywords: Mobile computing, adaptive services, context awareness, lo
policies

18 [Process modeling in Web applications](#)

 [Marco Brambilla, Stefano Ceri, Piero Fraternali, Ioana Manolescu](#)
October 2006 **Transactions on Software Engineering and Methodolog**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (1.17 MB) Additional Information: [full citation](#), [at](#)

Bibliometrics: Downloads (6 Weeks): 148, Downloads (12 Months): 1095, Dov

While Web applications evolve towards ubiquitous, enterprise-wide or m
requirements, such as the capability of managing complex processes sp
interconnecting software ...

Keywords: Web applications, Web engineering, conceptual modeling, v

19 [Exporting and interactively querying Web service-accessed sources:](#)

 [Michalis Petropoulos, Alin Deutsch, Yannis Papakonstantinou, Yannis Katsis](#)
November 2007 **Transactions on Database Systems (TODS)** , Volume 32 I

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (1.80 MB) Additional Information: [full citation](#), [at](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 106, Downl

The CLIDE System assists the owners of sources that participate in Web
a restricted set of parameterized queries over the schema of their sourc
sources may be relational ...

Keywords: Middleware, Web services, limited access patterns, query r

20 [Checking type safety of foreign function calls](#)

 [Michael Furr, Jeffrey S. Foster](#)
July 2008 **Transactions on Programming Languages and Systems**

Publisher: ACM  [Request Permissions](#)

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Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 123, Downl

Foreign function interfaces (FFIs) allow components in different languag
FFIs are useful, they often require writing tricky low-level code and incl

providing ...

Keywords: FFI, Foreign function interface, JNI, Java, Java Native Inter system, foreign function calls, multilingual type inference, multilingual t

Result

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